

10/564720

Complete if Known

Substitute for Form 1449 A & B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	National Stage Entry of PCT/JP2004/010366
Confirmation Number	Unknown
Filing Date	January 17, 2006
First Named Inventor	Haruo IMAWAKA
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	Q92718

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/PZ/		JP	60-4182	A	01-11-1985	Yamanouchi Pharmaceutical Co., Ltd.	
/PZ/		JP	4-279576	A	10-05-1992	Tanabe Seiyaku Co., Ltd.	
/PZ/		JP	62-277375	A	12-02-1987	BASF AG.	
/PZ/		WO	03/07992	A1	01-30-2003	Ono Pharmaceutical Co., Ltd.	
/PZ/		JP	7-316092	A	12-05-1995	Ono Pharmaceutical Co., Ltd.	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		International Search Report dated November 22, 2004	
/PZ/		Anthony J. Manny, et al., "Reinvestigation of the sulfuric acid-catalyzed cyclization of brominated 2-alkyllevulinic acids to 3-alkyl -5-methylene-2 (5H)-furanones, Tetrahedron", 1997, 15813 to 15826	
/PZ/		Howard T. Black, et al., "Synthesis of 3, 5-disubstituted butenolides. A short preparation of volatile streptomyces lactones, Synthetic Communications", 1995, 25 (4), 479-483	
/PZ/		Norihiko Yoneda, et al., "Reaction behavior of carbon-carbon and carbon-hydrogen bonds in super acids. Carboxylation of alkyl methyl ketones with carbon monoxide and water", Chemistry Letters, 1983, (1), 19-20	
/PZ/		Hermann Stetter, et al., "Addition of aldehydes to activated double bonds. XXV. Syntheses and reactions of branched tri-carbonyl compounds", Chemische Berichte, 1981, 114 (2), 564-580	
/PZ/		Tomoyuki Hasegawa, et al., "A practical synthesis of optically active (R) -2-propyloctanoic acid: therapeutic agent for Alzheimer's disease", Bulletin of the Chemistry Society of Japan, 2000, 73 (2), 423-428	

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Art Unit	1621
Examiner Name	Not yet assigned
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/PZ/		XP-002396106 (1977) ARZNEIM. FORSCH., Vol. 27 (Abstract)	
/PZ/		B. Dobner et al. (XP-002396107 (1991) "Syntheses of deuterium-labeled methyl-branched fatty acids", CHEMISTRY AND PHYSICS OF LIPIDS (Abstract)	
/PZ/		M. G. Zalinyan et al., XP-002396108 (1965) "Synthesis of unsaturated .delta.-lactones. II. Synthesis and reactions of 3-alkyl (benzyl) -6-methyl-3,4-dihydro-.alpha.-pyrones", IZVESTIYA AKADEMII NAUK ARMYANSKOI SSR (Abstract)	
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/PZ/		Herbert Koch et al., XP-002396110 (1965), "Dicarboxylic acids from undecylenic acid by carboxylation with acid catalysts", BRENNSTOFF-CHEMIE (Abstract)	
/PZ/		XP-002396111 (1970) J. ORG. CHEM. USSR, No. 6 (Abstract)	

Examiner Signature

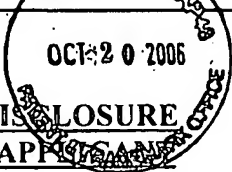
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			Art Unit		1621	
Examiner Name			Not yet assigned			
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/PZ/		XP-002396112 (1961) (Abstract)	
/PZ/		XP-002396113 (1949) J. AM. CHEM. SOC., Vol. 71 (Abstract)	
/PZ/		XP-002396123 (1961) Journal of Organic Chemistry, Vol. 26 (Abstract)	
/PZ/		John C Roberts et al., XP-008068105 (1950) "Synthesis of Potential Antibacterial Agents. Part I. Some $\alpha$ -Alkylglutaric Acids and Their Derivatives", Journal of the Chemical Society, pp. 2842-2845	
/PZ/		J. W. et al., XP-002396114 (1981) "A dual role for GABA in quasi-morphine abstinence behavior induced by di-n-propylacetate involving both initiation and termination", PSYCHOPHARMACOLOGY (Abstract)	
/PZ/		Kochen W. et al., XP-002396115 (1984) "Five doubly unsaturated metabolites of valproic acid in urine and plasma of patients on valproic acid therapy", Journal of Clinical Chemistry and Clinical Biochemistry" (Abstract)	

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/PZ/		Kelem et al., XP-002396116 (1990) "Metabolic profiling of valproic acid in patients using negative-ion chemical ionization gas chromatography-mass spectrometry", Journal of Chromatography (Abstract)	
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/PZ/		A. L. Voitsekhovskaya et al., XP-002396118 (1970) "Substituted lactones and their reactions. XV. Formation of .alpha.-alkyl-.delta.-methyl-.delta.-valerolactones from cyanoethylalkylacetoacetic esters", Zhurnal Organicheskoi Khimii (Abstract)	
/PZ/		Anthony J. Manny et al., XP-002396119 (1997) "Reinvestigation of the sulfuric acid-catalyzed cyclization of brominated 2-alkyllevulinic acids to 3-alkyl-5-methylene-2(5H)-furanones", Tetrahedron (Abstract)	
/PZ/		Salomon Piekarski et al., XP-008068112 (1961) "No 218. — Dérivés $\alpha$ -substitués des acides aliphatiques normaux à longue chaîne III. — Acides $\alpha$ -alkyllévuliniques et $\alpha$ -alkyl $\beta$ -acétylglutariques" (Abstract)	No
/PZ/		XP-002396120 (1977) JOURNAL OF ORGANIC CHEMISTRY, Vol. 42, No. 15 (Abstract)	

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